This Month in EHP

The October issue of Environmental Health Perspectives (EHP) *(http://ehp.niehs.nih.gov/)* explores advances in remote-sensing technology and ways to inform risk perception using scientific evidence.

Looking forward to the potential of remote-sensing technology

Scientists and government agencies worldwide already use satellite data to monitor air pollutants, infectious disease epidemics, harmful algal blooms, climate change, and more. But that's only the beginning of what we can do with remote-sensing technology.

Making wiser choices about risk

Whether in a regulatory or research setting, risk assessment typically entails a four-step process — hazard identification, hazard characterization, exposure assessment, and risk characterization. Individuals mentally assess risk in a similar way, but risk perception is shaped by several largely unconscious emotional processes shared by scientists and nonscientists alike.

Featured research and related news articles this month include:

• Neurodevelopmental Disorders and Prenatal Residential Proximity to Agricultural Pesticides: The CHARGE Study — Pesticides and Autism Spectrum Disorders: New Findings From the CHARGE Study

• Residential Greenness and Birth Outcomes: Evaluating the Influence of Spatially Correlated Built-Environment Factors — Beyond Spatial Relationships: Residential Greenness and Birth Outcomes

• Residential Levels of Polybrominated Diphenyl Ethers and Risk of Childhood Acute Lymphoblastic Leukemia in California — Zeroing In on a Risk Factor? PBDE Exposure and Acute Lymphoblastic Leukemia

• The Navigation Guide (four-paper set) — The Navigation Guide: Systematic Review for the Environmental Health Sciences

- The Navigation Guide Systematic Review Methodology — A Rigorous and Transparent Method for Translating Environmental Health Science Into Better Health Outcomes
- The Navigation Guide — Evidence-Based Medicine Meets Environmental Health: Systematic Review of Nonhuman Evidence for PFOA (Perfluorooctanoic acid) Effects on Fetal Growth
- The Navigation Guide — Evidence-Based Medicine Meets Environmental Health: Systematic Review of Human Evidence for PFOA Effects on Fetal Growth
- The Navigation Guide — Evidence-Based Medicine Meets Environmental Health: Integration of Animal and Human Evidence for PFOA Effects on Fetal Growth

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